

ABSTRACT OF THE INVENTION

The present invention relates to methods for improving the transformation frequency of *Agrobacterium*-mediated transformation of maize embryos. A preferred method for transforming maize using *Agrobacterium* comprises the steps of: contacting at least one immature embryo from a maize plant with *Agrobacterium* capable of transferring at least one gene to said embryo; co-cultivating the embryos with *Agrobacterium*; culturing the embryos in medium comprising N6 salts, an antibiotic capable of inhibiting the growth of *Agrobacterium*, and a selective agent to select for embryos expressing the gene; and regenerating plants expressing the gene.

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